

REMARKS

The claims are claims 1, 4 to 12, 17, 20, 21 and 24 to 28.

Claims 1, 4, 8, 17, 20, 21, 24 have been amended. Claims 2, 3, 13 to 15, 18, 19, 22 and 23 are canceled. New claims 25 to 28 are added. Claim 1 is amended to incorporate the limitations of canceled claims 2 and 3. Claim 4 is amended to depend upon claim 1 rather than canceled claim 3. Claim 8 is amended into independent form including the limitations of prior base claims 1 and 2. Claim 17 is amended to incorporate the limitations of canceled claims 18 and 19. Claim 20 is amended to depend upon claim 17 rather than canceled claim 19. Claim 21 is amended to include the limitations of canceled claims 22 and 23. Claim 24 is amended to depend upon claim 21 rather than canceled claim 23. Claim 25 is an apparatus claim similar to amended claim 17 except including the clearing limitations similar to claim 8 rather than the setting limitations of canceled claim 19. Claim 26 corresponds to claim 20 except dependent upon claim 25. Claim 27 is an apparatus claim similar to amended claim 21 except including the clearing limitations similar to claim 8 rather than the setting limitations of canceled claim 23. Claim 28 corresponds to claim 24 except dependent upon claim 27.

Paragraph 8 of page 9 of the OFFICE ACTION stated that claims 3 to 12, 19, 20, 23 and 24 would be allowable if rewritten in independent form including all limitations of their base claims. Amended claim 1 includes all limitations of prior claim 3 in independent form and is therefore allowable. Amended claim 8 now includes all limitation of prior base claims 1 and 2 and is therefore allowable. Amended claim 17 includes all limitation of prior claim 19 in independent form and is therefore allowable. Amended claim 21 includes all limitations of prior claim 23 in independent form and is therefore allowable.

Claim 25 recites subject matter of allowable claim 8 except as a software development system as recited in claim 17. Claim 25 is therefore allowable like claim 8.

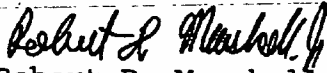
Claim 27 recites subject matter of allowable claim 8 except as a digital system as recited in claim 21. Claim 27 is therefore allowable like claim 8.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

Texas Instruments Incorporated
P.O. Box 655474 M/S 3999
Dallas, Texas 75265
(972) 917-5290
Fax: (972) 917-4418

Respectfully submitted,


Robert D. Marshall, Jr.
Reg. No. 28,527